

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101819\
 Data File : VU035278.D
 Acq On : 18 Oct 2019 19:57
 Operator : JC/SP
 Sample : K5419-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0G59

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.1

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M

Title : TRACE VOA SOM01.0

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.373	3	10	24	rVB	326600	323111	27.31%	2.769%
2	1.508	45	52	71	rVB2	58168	72418	6.12%	0.621%
3	1.617	74	86	98	rBV2	486758	613677	51.88%	5.259%
4	1.678	100	105	111	rVB2	12033	12967	1.10%	0.111%
5	1.749	122	127	134	rVB2	12693	12951	1.09%	0.111%
6	1.932	176	184	198	rVB	123553	169544	14.33%	1.453%
7	2.016	202	210	219	rVB	81951	107420	9.08%	0.921%
8	2.228	267	276	290	rVB3	119127	208167	17.60%	1.784%
9	2.344	305	312	325	rVB3	12219	20329	1.72%	0.174%
10	2.495	352	359	370	rVB	23112	35210	2.98%	0.302%
11	2.598	380	391	404	rBV	212157	345916	29.24%	2.965%
12	3.112	544	551	561	rVV2	18521	31493	2.66%	0.270%
13	3.170	561	569	586	rVB3	14668	35770	3.02%	0.307%
14	3.395	622	639	661	rVB3	42576	93967	7.94%	0.805%
15	3.614	693	707	722	rBV4	14735	33771	2.85%	0.289%
16	3.739	730	746	759	rBV2	24597	55217	4.67%	0.473%
17	4.022	823	834	847	rVB4	7631	18321	1.55%	0.157%
18	4.138	856	870	885	rBV8	4778	12414	1.05%	0.106%
19	4.382	931	946	959	rBV3	9972	22785	1.93%	0.195%
20	4.710	1033	1048	1081	rBV	203147	514782	43.52%	4.412%
21	5.115	1158	1174	1197	rBV	196680	444301	37.56%	3.808%
22	5.224	1199	1208	1218	rVB3	8357	16952	1.43%	0.145%
23	5.343	1235	1245	1256	rVV3	6196	12599	1.07%	0.108%
24	5.411	1257	1266	1279	rVV7	6579	17149	1.45%	0.147%
25	5.501	1283	1294	1313	rVB8	8932	30483	2.58%	0.261%
26	5.633	1322	1335	1349	rBV3	14147	33495	2.83%	0.287%
27	5.771	1358	1378	1405	rBV2	405548	1039552	87.88%	8.909%
28	6.006	1443	1451	1465	rVB5	10417	21146	1.79%	0.181%
29	6.086	1466	1476	1490	rVB10	5966	13982	1.18%	0.120%
30	6.173	1490	1503	1512	rBV7	10319	20670	1.75%	0.177%
31	6.292	1526	1540	1577	rBV	393273	829698	70.14%	7.111%
32	6.585	1622	1631	1650	rVB9	19195	48261	4.08%	0.414%
33	6.736	1664	1678	1706	rBV	250998	515230	43.56%	4.416%
34	7.295	1841	1852	1862	rVB9	7542	16796	1.42%	0.144%

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35	7.607	1932	1949	1968	rBV	128103	256817	21.71%	2.201%
36	7.935	2028	2051	2071	rBV	502892	911941	77.09%	7.815%
37	8.073	2088	2094	2104	rVB9	8556	15611	1.32%	0.134%
38	8.218	2128	2139	2150	rBV	79909	144188	12.19%	1.236%
39	8.395	2185	2194	2201	rBV3	7885	14213	1.20%	0.122%
40	8.440	2201	2208	2218	rVB3	16110	27414	2.32%	0.235%
41	8.687	2272	2285	2320	rBV	455300	1182918	100.00%	10.138%
42	9.105	2402	2415	2427	rVB9	9433	21000	1.78%	0.180%
43	9.449	2506	2522	2544	rBV	514879	946527	80.02%	8.112%
44	9.600	2563	2569	2587	rVB6	13301	29693	2.51%	0.254%
45	9.719	2598	2606	2620	rVB10	13104	29615	2.50%	0.254%
46	9.919	2652	2668	2681	rBV8	5200	12855	1.09%	0.110%
47	10.787	2927	2938	2963	rVB	196192	344054	29.09%	2.949%
48	11.845	3254	3267	3287	rVB	410879	786483	66.49%	6.740%
49	12.224	3371	3385	3405	rBV	417179	757347	64.02%	6.491%
50	12.787	3553	3560	3569	rVB3	8701	13299	1.12%	0.114%
51	13.144	3661	3671	3683	rVB4	8604	13440	1.14%	0.115%
52	13.353	3725	3736	3749	rBV2	17628	28005	2.37%	0.240%
53	13.906	3900	3908	3923	rVB2	16674	27987	2.37%	0.240%
54	14.218	3995	4005	4014	rBV2	27576	44523	3.76%	0.382%
55	14.311	4017	4034	4046	rVV2	35634	62043	5.24%	0.532%
56	14.722	4156	4162	4170	rVB3	10891	16071	1.36%	0.138%
57	14.832	4186	4196	4206	rBV3	19102	31963	2.70%	0.274%
58	14.903	4206	4218	4230	rVV10	18221	38177	3.23%	0.327%
59	14.967	4232	4238	4250	rVB10	7148	12104	1.02%	0.104%
60	15.221	4310	4317	4332	rBV10	13078	27227	2.30%	0.233%
61	15.295	4332	4340	4350	rVB5	29181	47554	4.02%	0.408%
62	15.446	4377	4387	4396	rVB4	11801	24877	2.10%	0.213%

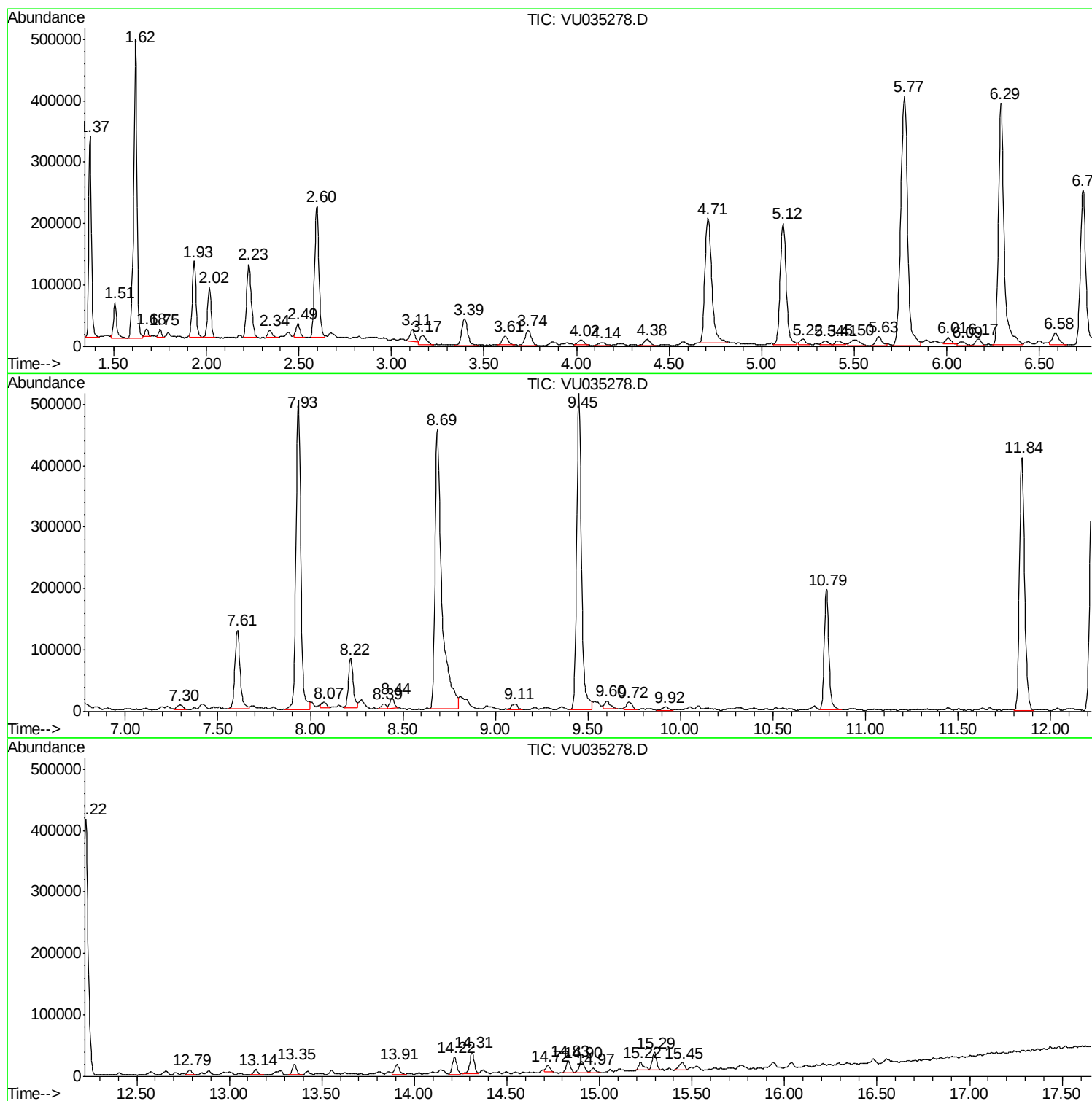
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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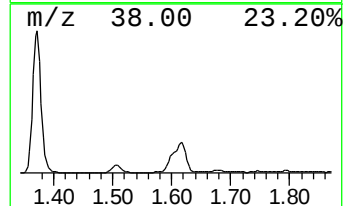
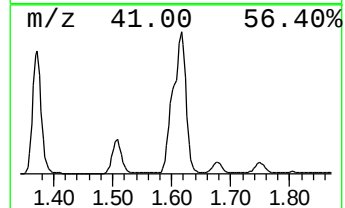
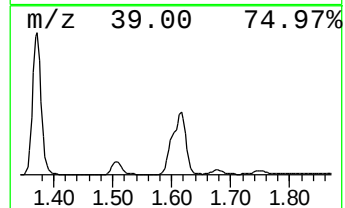
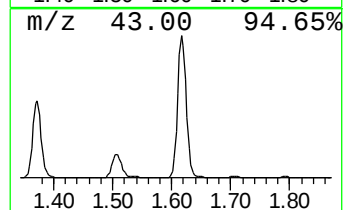
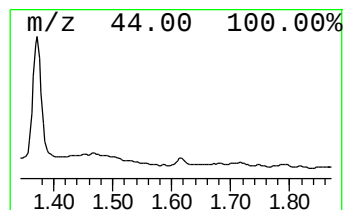
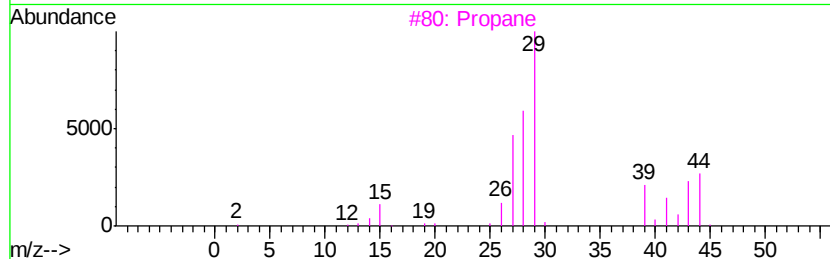
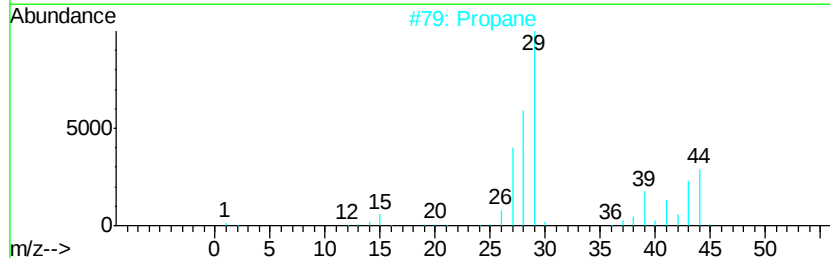
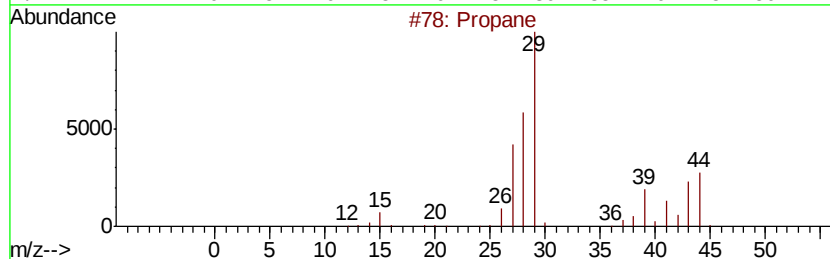
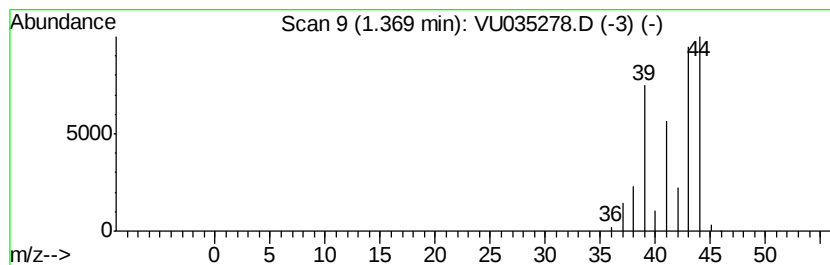
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.37	1.95 ug/L	323111	1,4-Difluorobenzene	6.29

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane			44	C3H8	000074-98-6	90
2	Propane			44	C3H8	000074-98-6	83
3	Propane			44	C3H8	000074-98-6	9
4	Propene			42	C3H6	000115-07-1	9
5	Ethylene oxide			44	C2H4O	000075-21-8	5



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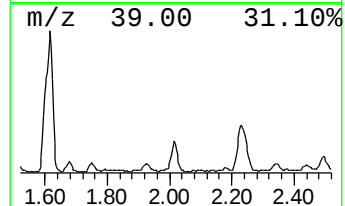
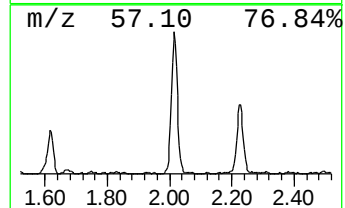
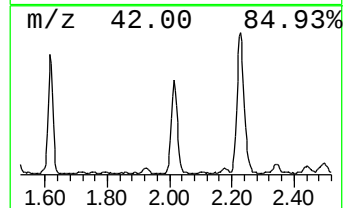
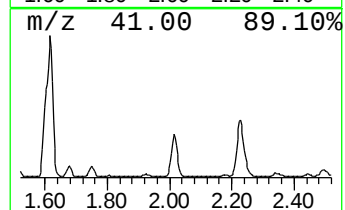
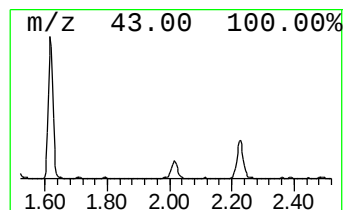
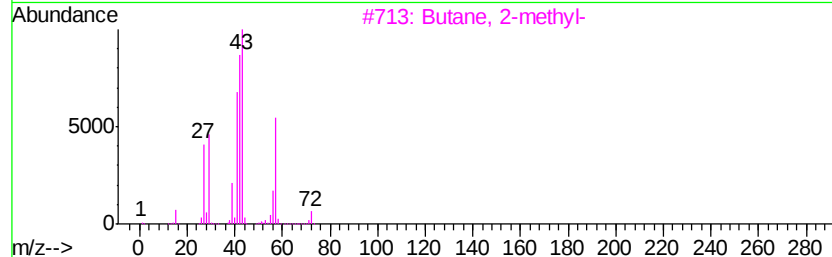
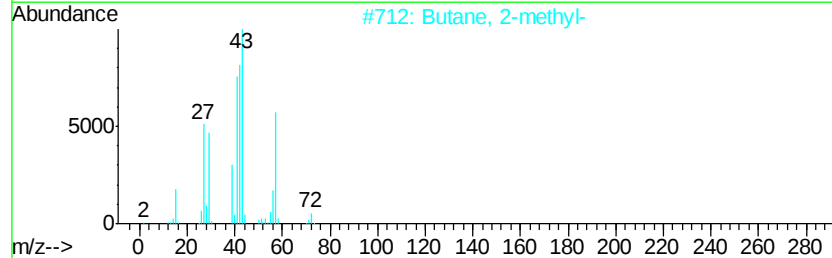
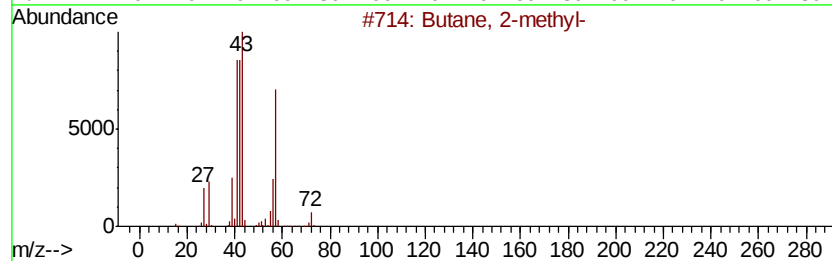
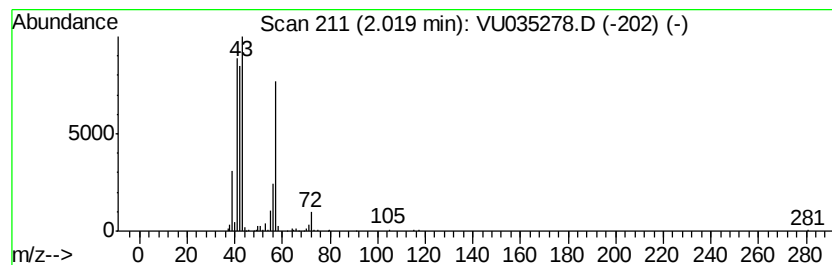
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TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.02	0.65 ug/L	107420	1,4-Difluorobenzene	6.29

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methyl-	72	C5H12	000078-78-4	94
2			Butane, 2-methyl-	72	C5H12	000078-78-4	90
3			Butane, 2-methyl-	72	C5H12	000078-78-4	86
4			3-Buten-1-ol	72	C4H8O	000627-27-0	37
5			Pentane	72	C5H12	000109-66-0	28



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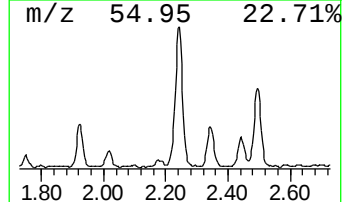
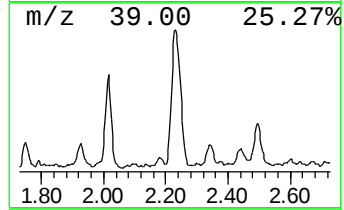
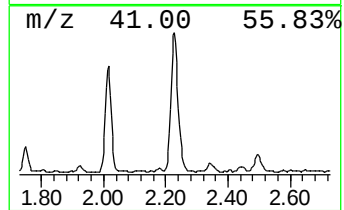
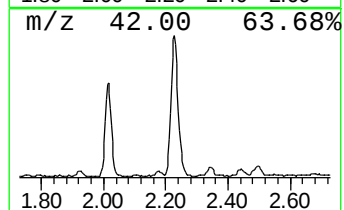
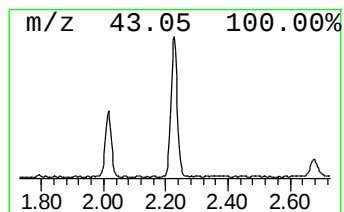
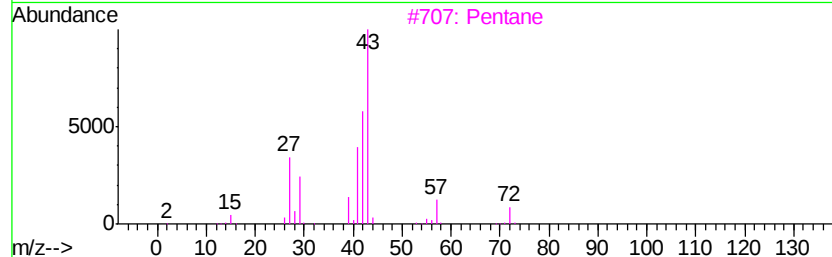
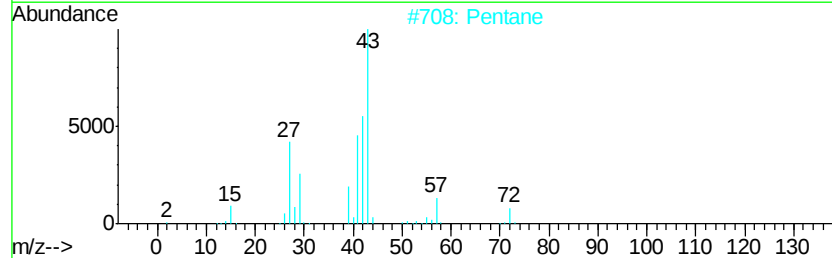
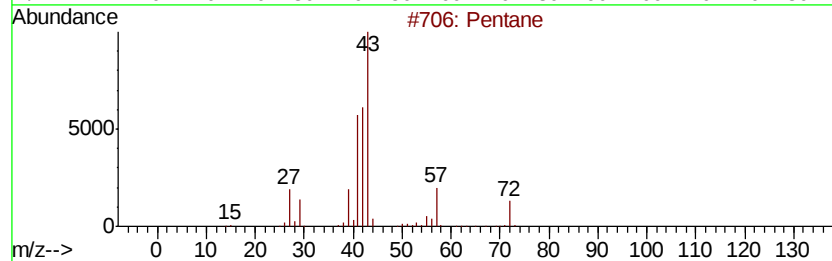
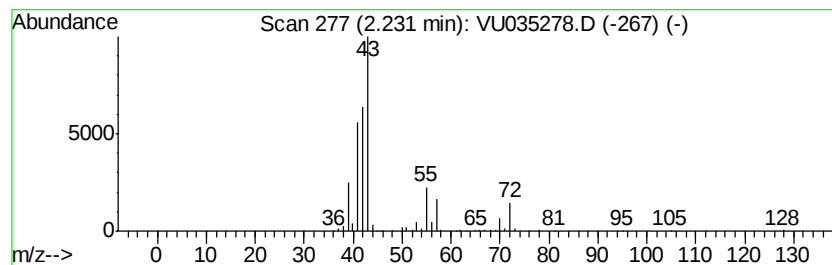
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.23	1.25 ug/L	208167	1,4-Difluorobenzene	6.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane	72	C5H12	000109-66-0	90
2		Pentane	72	C5H12	000109-66-0	80
3		Pentane	72	C5H12	000109-66-0	72
4		Pentane	72	C5H12	000109-66-0	64
5		Oxirane, ethyl-	72	C4H8O	000106-88-7	50



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	1.37	2.0	ug/L	323111	1	6.29	829698	5.0
(DEL) Alkane: Str...	2.02	0.7	ug/L	107420	1	6.29	829698	5.0
(DEL) Alkane: Str...	2.23	1.3	ug/L	208167	1	6.29	829698	5.0